

IN THE CLAIMS:

Please substitute the following claims for the same-numbered claims in the application:

1. (Previously Presented) A method of relaxing typing accuracy on a computer keyboard comprising alphanumeric keys and a spacebar key, said method comprising:

recording a coordinate of a keystroke landing point corresponding to a sequence of tapped keys on said computer keyboard;

counting a total number of keystroke landing points tapped only after verification that said spacebar key has been tapped during said sequence;

comparing a geometric pattern formed by an inputted sequence of said keystroke landing points to a pattern formed by lexical entry of sequences, wherein said lexical entry of sequences comprises a subset of sequences comprising sequences having an amount of letters equaling said total number;

calculating a distance between said geometric pattern and the pattern formed by letters corresponding to said lexical entry of sequences;

determining a word by selecting a shortest distance between said inputted sequence of said keystroke landing points and letters corresponding to said lexical entry of sequences, wherein said total number of keystroke landing points tapped equals a total number of letters in said word; and

using the determined word to check a correct spelling of a tapped word entry corresponding to said inputted sequence of said keystroke landing points.

2. (Currently Amended) The method of according to claim 1, all the limitations of which are incorporated herein by reference, wherein said distance is a mean distance of all inputted sequence of keystroke landing points.

3. (Currently Amended) The method of according to claim 1, all the limitations of which are incorporated herein by reference, wherein said distance is an elastic matching distance between said inputted sequence of keystroke landing points and said lexical entry of sequences.

4. (Currently Amended) The method of according to claim 3, all the limitations of which are incorporated herein by reference, further comprising normalizing said elastic matching distance by an amount of letters in said word.

5. (Currently Amended) The method of according to claim 1, all the limitations of which are incorporated herein by reference, further comprising comparing said shortest total distance to a predetermined threshold distance.

6. (Currently Amended) The method of according to claim 5, all the limitations of which are incorporated herein by reference, further comprising outputting said word if said shortest total distance is smaller than said predetermined threshold distance.

7. (Currently Amended) The method of according to claim 5, all the limitations of which are incorporated herein by reference, further comprising outputting letters tapped if said shortest

total distance is greater than said predetermined threshold distance.

8. (Previously Presented) A method of relaxing typing accuracy on a computer keyboard comprising alphanumeric keys and a spacebar key, said method comprising:

recording a coordinate of at least one keystroke landing point, wherein said keystroke landing point emanates from tapping a key on a keyboard;

counting a total amount of tapped keystroke landing points only after verification that said spacebar key has been tapped during an inputted sequence of tapped keystroke landing points;

creating a set of words from a lexicon having a same number of said tapped keystroke landing points;

for each letter in each word in said set, computing a distance from said coordinate to a central position of said key corresponding to said letter;

summing a total distance for each word; and

selecting a word from said set having a shortest total distance to said coordinate, wherein said total amount of tapped keystroke landing points equals a total number of letters in said word; and

using the selected word to check a correct spelling of a tapped word entry corresponding to said inputted sequence of tapped keystroke landing points.

9. (Currently Amended) The method ~~of~~ according to claim 8, all the limitations of which are incorporated herein by reference, wherein said distance is a mean distance of all said tapped

keystroke landing points for each word.

10. (Currently Amended) The method of according to claim 8, all the limitations of which are incorporated herein by reference, wherein said distance is an elastic matching distance between said tapped keystroke landing points and said coordinate.

11. (Currently Amended) The method of according to claim 10, all the limitations of which are incorporated herein by reference, further comprising normalizing said elastic matching distance by an amount of letters in said word.

12. (Currently Amended) The method of according to claim 8, all the limitations of which are incorporated herein by reference, further comprising comparing said shortest total distance to a predetermined threshold distance.

13. (Currently Amended) The method of according to claim 12, all the limitations of which are incorporated herein by reference, further comprising outputting said word if said shortest total distance is smaller than said predetermined threshold distance.

14. (Currently Amended) The method of according to claim 12, all the limitations of which are incorporated herein by reference, further comprising outputting letters tapped if said shortest total distance is greater than said predetermined threshold distance.

15. (Previously Presented) A system of relaxing typing accuracy on a computer keyboard comprising alphanumeric keys and a spacebar key, said system comprising:

a recorder configured to record a coordinate of a keystroke landing point corresponding to a sequence of tapped keys on said computer keyboard;

a counter configured to count a total number of keystroke landing points tapped only after verification that said spacebar key has been tapped during said sequence;

a comparing module configured to compare an inputted sequence of said keystroke landing points to a pattern formed by lexical entry of sequences, wherein said lexical entry of sequences comprises a subset of sequences comprising sequences having an amount of letters equaling said total number;

a calculator configured to calculate a distance between said inputted sequence of keystroke landing points and letters corresponding to said lexical entry of sequences;

a determining module configured to determine a word by selecting a shortest distance between said inputted sequence of said keystroke landing points and letters corresponding to said lexical entry of sequences, wherein said total number of keystroke landing points tapped equals a total number of letters in said word; and

a spell checker configured to use the determined word to check a correct spelling of a tapped word entry corresponding to said inputted sequence of said keystroke landing points.

16. (Currently Amended) The system of according to claim 15, all the limitations of which are incorporated herein by reference, wherein said distance is a mean distance of all inputted sequence of keystroke landing points.

17. (Currently Amended) The system ~~of~~ according to claim 15, all the limitations of which are incorporated herein by reference, wherein said distance is an elastic matching distance between said inputted sequence of keystroke landing points and said lexical entry of sequences.

18. (Currently Amended) The system ~~of~~ according to claim 17, all the limitations of which are incorporated herein by reference, further comprising a statistical controller configured to normalize said elastic matching distance by an amount of letters in said word.

19. (Currently Amended) The system ~~of~~ according to claim 15, all the limitations of which are incorporated herein by reference, further comprising a comparator configured to compare said shortest total distance to a predetermined threshold distance.

20. (Currently Amended) The system ~~of~~ according to claim 19, all the limitations of which are incorporated herein by reference, further comprising an output unit configured to output said word if said shortest total distance is smaller than said predetermined threshold distance.

21. (Currently Amended) The system ~~of~~ according to 19, all the limitations of which are incorporated herein by reference, further comprising an output unit configured to output letters tapped if said shortest total distance is greater than said predetermined threshold distance.

22. (Previously Presented) A system of relaxing typing accuracy on a computer keyboard

comprising alphanumeric keys and a spacebar key, said system comprising:

means for recording a coordinate of a keystroke landing point corresponding to a sequence of tapped keys on said computer keyboard;

means for counting a total number of keystroke landing points tapped only after verification that said spacebar key has been tapped during said sequence;

means for comparing a geometric pattern formed by an inputted sequence of said keystroke landing points to a pattern formed by lexical entry of sequences, wherein said lexical entry of sequences comprises a subset of sequences comprising sequences having an amount of letters equaling said total number;

means for calculating a distance between said geometric pattern and the pattern formed by letters corresponding to said lexical entry of sequences;

means for determining a word by selecting a shortest distance between said inputted sequence of said keystroke landing points and letters corresponding to said lexical entry of sequences, wherein said total number of keystroke landing points tapped equals a total number of letters in said word; and

means for using the determined word to check a correct spelling of a tapped word entry corresponding to said inputted sequence of said keystroke landing points.